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Approved for use through 10-31-2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|  |                        |  |
|--|------------------------|--|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br>(Only for new nonprovisional applications under 37 CFR 1.53(b)) | Attorney Docket No.    | X-838 US   |
|  | First Inventor         | Alireza S. Kaviani   |
|  | Title                  | Structure for Reducing Leakage Current in Submicron ICs<br>Devices |
|  | Express Mail Label No. | EL620969339US  |

|   |   |
|---|---|
| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents. | <b>ADDRESS TO:</b> Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231 |
|---|---|

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages **23**]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequent listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets **9**]
4. Oath or Declaration [Total Pages **2**]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR §1.63(d))  
(for continuation/divisional with Box 16 completed)
  - ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
5. ☒ Application Data Sheet. See 37 CFR 1.76

6. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

- | ACCOMPANYING APPLICATION PARTS  |   |
|---|---|
| 8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))  |   |
| 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee)  | <input type="checkbox"/> Power of Attorney                  |
| 10. <input type="checkbox"/> English Translation Document (if applicable)   |   |
| 11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449   | <input checked="" type="checkbox"/> Copies of IDS Citations |
| 12. <input type="checkbox"/> Preliminary Amendment  |   |
| 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  |   |
| 14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)  |   |
| 15. <input checked="" type="checkbox"/> Request and Certification under 35 U.S.C 122 (b)(2)(B). Applicant must attach form PTO/SB/35 or its equivalent. |   |
| 16. <input type="checkbox"/> Other: .....   |   |

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

### 18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

**24309**

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

|         |                     |           |              |          |              |
|---------|---------------------|-----------|--------------|----------|--------------|
| Name    | Attn: Edel M. Young |           |              |          |              |
| Address |                     |           |              |          |              |
| City    |                     | State     |              | Zip Code |              |
| Country |                     | Telephone | 408-879-4969 | Fax      | 408-377-6137 |

|                   |               |                                   |               |
|-------------------|---------------|-----------------------------------|---------------|
| Name (Print/Type) | Edel M. Young | Registration No. (Attorney/Agent) | 32,451        |
| Signature         | Edel M. Young | Date                              | April 2, 2001 |

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

## Complete if Known

TOTAL AMOUNT OF PAYMENT (\$)**910.00**

|                      |                    |
|----------------------|--------------------|
| Application Number   | Not Yet Known      |
| Filing Date          | April 2, 2001      |
| First Named Inventor | Alireza S. Kaviani |
| Examiner Name        | Not Yet Known      |
| Group /Art Unit      | Not Yet Known      |
| Attorney Docket No.  | X-838 US           |

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

24-0040

Deposit  
Account  
Name

XILINX, INC.

☐ Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

2. ☐ Payment Enclosed:

☐ Check

☐ Money  
Order

☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

#### Large Entity

| Fee Code | Fee (\$) | Fee Description        | Fee Paid |
|----------|----------|------------------------|----------|
| 101      | 710      | Utility filing fee     | \$710    |
| 106      | 320      | Design filing fee      |          |
| 107      | 490      | Plant filing fee       |          |
| 108      | 710      | Reissue filing fee     |          |
| 114      | 150      | Provisional filing fee |          |

SUBTOTAL (1) (\$)**710.00**

### 2. EXTRA CLAIM FEES

| Total Claims       | Extra      | Fee from below | Fee Paid |
|--------------------|------------|----------------|----------|
| 17                 | -20** = -3 | X              | \$0      |
| Indep. Claims 5    | - 3** = 2  | X              | \$160    |
| Multiple Dependent |            | X              |          |

#### Large Entity

| Fee Code | Fee (\$) | Fee Description   |
|----------|----------|---|
| 103      | 18       | Claims in excess of 20                                    |
| 102      | 80       | Independent claims in excess of 3                         |
| 104      | 270      | Multiple dependent claim, if not paid                     |
| 109      | 80       | **Reissue independent claims over original patent         |
| 110      | 18       | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)**160.00**

\*\*or number previously paid, if greater, For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity  
Fee Fee

| Code                | Fee (\$) | Fee Description  | Fee Paid |
|---------------------|----------|--|----------|
| 105                 | 130      | Surcharge - late filing fee or oath  |          |
| 127                 | 50       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 147                 | 2,520    | For filing a request for reexamination                                     |          |
| 112                 | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 113                 | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 115                 | 110      | Extension for reply within first month                                     |          |
| 116                 | 390      | Extension for reply within second month                                    |          |
| 117                 | 890      | Extension for reply within third month                                     |          |
| 118                 | 1,390    | Extension for reply within fourth month                                    |          |
| 128                 | 1,890    | Extension for reply within fifth month                                     |          |
| 119                 | 310      | Notice of Appeal   |          |
| 120                 | 310      | Filing a brief in support of an appeal                                     |          |
| 121                 | 270      | Request for oral hearing   |          |
| 138                 | 1,510    | Petition to institute a public use proceeding                              |          |
| 140                 | 110      | Petition to revive - unavoidable   |          |
| 141                 | 1,240    | Petition to revive - unintentional   |          |
| 142                 | 1,240    | Utility issue fee (or reissue)   |          |
| 122                 | 130      | Petitions to the Commissioner  |          |
| 123                 | 50       | Petitions related to provisional applications                              |          |
| 126                 | 240      | Submission of Information Disclosure Stmt                                  |          |
| 581                 | 40       | Recording each patent assignment per property (times number of properties) | \$40     |
| 146                 | 710      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 149                 | 710      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 179                 | 710      | Request for Continued Examination (RCE)                                    |          |
| Other fee (specify) |          |  |          |

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)**40.00**

## SUBMITTED BY

|                   |                      |                                   |            |           |              |
|-------------------|----------------------|-----------------------------------|------------|-----------|--------------|
| Name (Print/Type) | Edel M. Young        | Registration No. (Attorney/Agent) | 32,451     | Telephone | 408-879-4969 |
| Signature         | <i>Edel M. Young</i> | Date                              | 04-02-2001 |           |              |

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PTO/SB/35 (11-00)

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|  |                      |  |
|--|----------------------|--|
| <b>REQUEST AND CERTIFICATION<br/>UNDER<br/>35 U.S.C. 122(b)(2)(B)(i)</b> | First Named Inventor | Alireza S. Kaviani   |
|  | Title                | Structure for Reducing Leakage Current in Submicron IC Devices |
|  | Atty Docket Number   | X-838 US   |

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

April 02, 2001

Date

*Edel M. Young*  
Signature

Edel M. Young Reg. No. 32,451

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.